

<110> Ni et al.

<120> Human Serpin Polynucleotides, Polypeptides, and Antibodies

<130> PT001P2

<140> Unassigned

<141> 2001-07-26

<150> PCT/US01/02484

<151> 2001-01-26

<150> 60/178,769

<151> 2000-01-28

<150> PCT/US00/05082

<151> 2000-02-29

<160> 17

<170> PatentIn Ver. 2.0

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Cys Ala Pro Ile Tyr Cys Val Ser Pro Ala Asn Ala Pro Ser Ala Tyr
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Ser Lys Arg Tyr Phe Asp Thr Glu Cys Val Pro Met Asn Phe Arg Asn
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Ala Ser Gln Ala Lys Arg Leu Met Asn His Tyr Ile Asn Lys Glu Thr
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Arg Gly Lys Ile Pro Lys Leu Phe Asp Glu Ile Asn Pro Glu Thr Lys
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Leu Ile Leu Val Asp Tyr Ile Leu Phe Lys Gly Lys Trp Leu Thr Pro
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Phe Asp Pro Val Phe Thr Glu Val Asp Thr Phe His Leu Asp Lys Tyr
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Lys Thr Ile Lys Val Pro Met Met Tyr Ser Ala Gly Lys Phe Ala Ser
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Thr Phe Asp Lys Asn Phe Arg Cys His Val Leu Lys Leu Pro Tyr Gln
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Gly Asn Ala Thr Met Leu Val Val Leu Met Glu Lys Met Gly Asp His
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180 185 190

Arg Asn Met Lys Thr Arg Asn Met Glu Val Phe Phe Pro Lys Phe Lys
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Arg Arg Ile Phe Ser Pro Phe Ala Asp Leu Ser Glu Leu Ser Ala Thr
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Gly Arg Asn Leu Gln Val Ser Arg Val Leu Gln Arg Thr Val Ile Glu
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Val Asp Glu Arg Gly Thr Glu Ala Val Ala Gly Ile Leu Ser Glu Ile
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Thr Ala Tyr Ser Met Pro Pro Val Ile Lys Val Asp Arg Pro Phe His
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35 40 45
Ser Ile Ser Ser Ala Leu Ala Met Val Phe Met Gly Ala Lys Gly Asn
50 55 60
Thr Ala Ala Gln Met Ser Gln Ala Leu Cys Phe Ser Lys Ile Gly Gly
65 70 75 80
Glu Asp Gly Asp Ile His Arg Gly Phe Gln Ser Leu Leu Val Ala Ile
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Asn Arg Thr Asp Thr Glu Tyr Val Leu Arg Thr Ala Asn Gly Leu Phe
100 105 110
Gly Glu Lys Ser Tyr Asp Phe Leu Thr Gly Phe Thr Asp Ser Cys Gly
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Lys Phe Tyr Gln Ala Thr Ile Lys Gln Leu Asp Phe Val Asn Asp Thr
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Glu Lys Ser Thr Thr Arg Val Asn Ser Trp Val Ala Asp Lys Thr Lys
145 150 155 160
Ala Trp Lys Ile Ile Gln Thr Ser Leu Ser His Leu Glu Glu Pro Gly

165 170 175

Ile Ala Ser Ser Ser Cys Tyr Cys Lys Ala Cys Leu Ser Gln Pro Leu
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Met Trp Xaa Pro Pro Ser Leu
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Xaa Met Ser Ile Ser Ser Ala Leu Ala Met Val Phe Met Gly Ala Lys
35 40 45

Gly Asn Thr Ala Ala Gln Met Ser Gln Ala Leu Cys Phe Ser Lys Ile
50 55 60

Gly Gly Glu Asp Gly Asp Ile His Arg Gly Phe Gln Ser Leu Leu Val
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Ala Ile Asn Arg Thr Asp Thr Glu Tyr Val Leu Arg Thr Ala Asn Gly
85 90 95

Leu Phe Gly Glu Lys Ser Tyr Asp Phe Leu Thr Gly Phe Thr Asp Ser
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Cys Gly Lys Phe Tyr Gln Ala Thr Ile Lys Gln Leu Asp Phe Val Asn
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Asp Thr Glu Lys Ser Thr Thr Arg Val Asn Ser Trp Val Ala Asp Lys

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Thr Lys Ala Trp Lys Ile Ile Gln Thr Ser Leu Ser His Leu Glu Glu
145 150 155 160

Pro Gly Ile Ala Ser Ser Ser Cys Tyr Cys Lys Ala Cys Leu Ser Gln
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Pro Leu Leu Val His Ser Ile Pro Lys Cys Asn Ser Pro Val Thr Pro
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His Gly Met Trp Xaa Pro Pro Ser Leu
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<213> Homo sapiens

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Lys Lys Leu Gly Glu Asn Asn Ser Asn Asn Leu Phe Phe Ser Pro Xaa
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Xaa Met Ser Ile Ser Ser Ala Leu Ala
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<213> Homo sapiens

<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

<223> Xaa equals any of the naturally occurring L-amino acids

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Xaa Pro Met Ser Ile Ser Ser Ala Leu Ala Met Val Phe Met Gly Ala
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Ile Gly Gly Glu Asp Gly Asp Ile His Arg Gly Phe Gln Ser Leu Leu
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 Gly Leu Phe Gly Glu Lys Ser Tyr Asp Phe Leu Thr Gly Phe Thr Asp
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 Ser Cys Gly Lys Phe Tyr Gln Ala Thr Ile Lys Gln Leu Asp Phe Val
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 Asn Asp Thr Glu Lys Ser Thr Thr Arg Val Asn Ser Trp Val Ala Asp
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 Lys Thr Lys Ala Trp Lys Ile Ile Gln Thr Ser Leu Ser His Leu Glu
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 Glu Pro Gly Ile Ala Ser Ser Ser Cys Tyr Cys Lys Ala Cys Leu Ser
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